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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE



File the Reissue Application of:

URANO et al.

U.S. Patent No. 5,216,135

Issue Date: June 1, 1993

For: DIAZODISULFONES



AMENDMENT TRANSMITTAL

Director of Patents and Trademarks  
Washington, D.C. 20231

March 15, 2001

Sir:

Transmitted herewith is an application for reissue of U.S. Patent No. 5,216,135.

The Applicants of this reissue application are the inventors:

Fumiyoishi URANO;  
Masaaki NAKAHATA;  
Hirotoshi FUJIE; and  
Keiji OONO

Enclosed are:

- (1) Reissue specification and claims
- (2) Offer to Surrender
- (3) Assent of Assignee
- (4) Request for Title Report
- (5) Preliminary Amendment

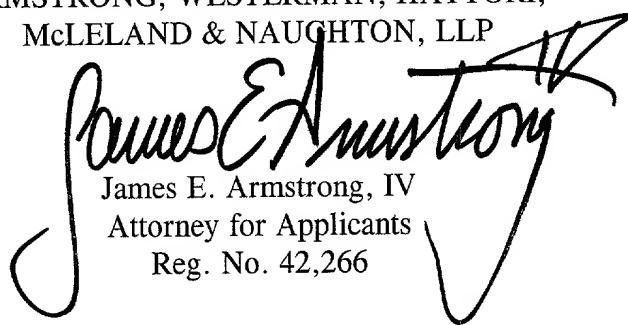
The fee has been calculated as shown below:

	CLAIMS AS AMENDED						
	Claims Remaining After Amendment	Highest Number Previously Paid For		Present Extra	Small Entity	Large Entity	Additional Fee
Total Claims	3	20	=	0	X \$9	X \$18	
Independent Claims	3	3	=	0	X \$40	X \$80	
## First Presentation of Multiple Dependent Claims					\$135	270	
						<b>TOTAL FEES ENCLOSED:</b>	<b>\$710.00</b>

Enclosed is a check in the amount of **\$735.00** for the filing fee of **\$710.00** and the fee for the Title Report of **\$25.00**. Please charge any additional fees which may be required, or credit any overpayment to our Deposit Account NO. 01-2340.

Respectfully submitted,

ARMSTRONG, WESTERMAN, HATTORI,  
McLELAND & NAUGHTON, LLP



James E. Armstrong, IV  
Attorney for Applicants  
Reg. No. 42,266

Atty. Docket No. 910094RE  
Suite 1000  
1725 K Street, N.W.  
Washington, D.C. 20006  
Tel: (202) 659-2930  
Fax: (202) 887-0357  
JAM/plb:lms

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Reissue Application of:

**URANO et al.**

U.S. Patent No. **5,216,135**

Issue Date: **June 1, 1993**

For: **DIAZODISULFONES**

**OFFER TO SURRENDER**

Director of Patents and Trademarks  
Washington, D.C. 20231

March 15, 2001

Sir:

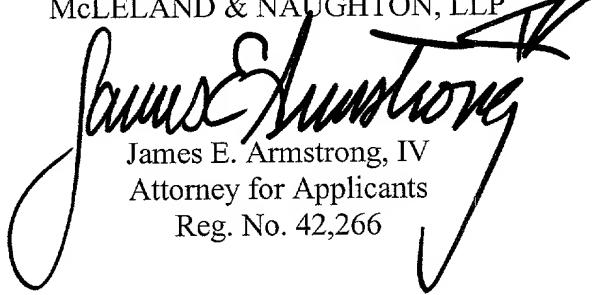
The undersigned, attorney of record in the U.S. Patent No. 5,216,135, hereby offers to surrender said Letters Patent in connection with the accompanying reissue application.

Submitted herewith is a Request For Title Report, as required in this reissue application.

In the event any fees are required in connection with this paper, please charge our Deposit Account No. 01-2340.

Respectfully submitted,

ARMSTRONG, WESTERMAN, HATTORI,  
McLELAND & NAUGHTON, LLP

  
James E. Armstrong, IV  
Attorney for Applicants  
Reg. No. 42,266

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Reissue Application of:

**URANO et al.**

U.S. Patent No. **5,216,135**

Issue Date: **June 1, 1993**

For: **DIAZODISULFONES**

11002 U.S. PTO  
09/09/01  
03/15/01

**REQUEST FOR TITLE REPORT**

Director of Patents and Trademarks  
Washington, D.C. 20231

March 15, 2001

Sir:

In connection with the above-identified reissue application, please furnish a title report to be placed in the file for the reissue application with respect to U.S. Patent No. 5,216,135, which issued June 1, 1993 to the following inventors:

Fumiyoshi URANO;

Masaaki NAKAHATA;

Hirotoshi FUJIE; and

Keiji OONO

and which is assigned to: WAKO PURE CHEMICAL INDUSTRIES, LTD.

The Assignment was recorded on January 28, 1991 at Reel 5585, Frame 459, 460.

03/21/2001 JBALINAN 00000029 09810650

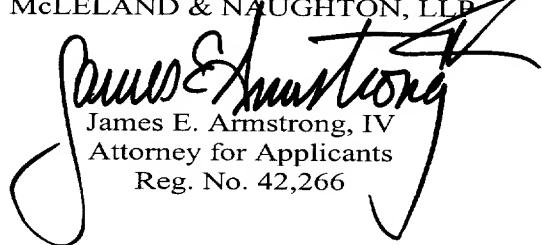
01-56-100  
02 FC:570

25.00 0P

The fee of \$25.00 due in connection with this title report is included in the check attached to the transmittal of the reissue application. Please charge any additional fees which may be required to our Deposit Account No. 01-2340.

Respectfully submitted,

ARMSTRONG, WESTERMAN, HATTORI,  
McLELAND & NAUGHTON, LLP

  
James E. Armstrong, IV  
Attorney for Applicants  
Reg. No. 42,266

Atty. Docket No. 910094RE  
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JAM/plb:lms

H:\HOME\LINDASJAM\91\910094r Reissue Application\REQ FOR TITLE RPT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Reissue Application of:

**URANO et al.**

U.S. Patent No. **5,216,135**

Issue Date: **June 1, 1993**

For: **DIAZODISULFONES**

**CERTIFICATE UNDER 37 CFR § 3.73(b)**

**WAKO PURE CHEMICAL INDUSTRIES, LTD.**, a corporation, certifies that it is the assignee of the entire right, title and interest in the patent identified above by virtue of either:

A.  An assignment from the inventor(s) of the patent identified above. The assignment was recorded in the Patent and Trademark Office at Reel 5585, Frame 459, 460, or for which a copy thereof is attached

**OR**

B.  A chain of title from the inventor(s), of the patent application identified above, to the current assignee as shown below:

1. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

2. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

3. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

Additional documents in the chain of title are listed on a supplemental sheet.

Copies of assignments or other documents in the chain of title are attached.

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SCANNED #

The undersigned has reviewed all the documents in the chain of title of the patent application identified above and, to the best of undersigned's knowledge and belief, title is in the assignee identified above.

The undersigned (whose title is supplied below) is empowered to act on behalf of the assignee.

I hereby declare that all statements made herein of my own knowledge are true and that statements made on information and belief are believed to be true; and further, that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

WAKO PURE CHEMICAL INDUSTRIES, LTD.

Date: March 13, 2001

By: Hajime Ikezoe

Name: Hajime Ikezoe  
Title: President

SCANNED  
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